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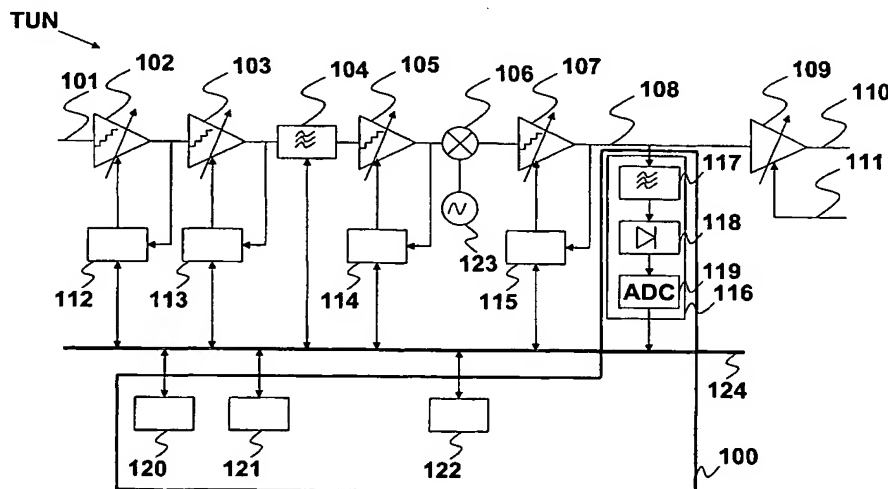
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(54) Title: **DEVICE AND METHOD FOR DETERMINING THE LEVEL OF AN INPUT SIGNAL INTENDED TO BE APPLIED TO A RECEIVING SYSTEM**



(57) Abstract: The invention relates to a device for determining the level of an input signal (101) intended to be applied to a receiving system (TUN), said receiving system (TUN) comprising arranged in series a set of discrete gain amplifiers (102-103-105-107), a selective filter (104), a mixer (106), said receiving system (TUN) being intended to deliver an output signal (108), said device comprising : measuring means (116) for measuring the level of said output signal (108) in a given frequency channel, means (120) for determining the real gain (G1) of said set of amplifiers (102-103-105-107) in said given frequency channel, means (121) for determining the real gain (G2) of said selective filter (104) in said given frequency channel, calculation means (122) for deriving the level of the input signal (101) from the level of the output signal (108), the real gain (G1) of said set of amplifiers (102-103-105-107) and from the real gain (G2) of said selective filter (104). Use : RSSI

INTERNATIONAL SEARCH REPORT

Int. Application No.

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03G3/00 H03G3/30

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 107 878 A (BLACK PETER J) 22 August 2000 (2000-08-22) column 2, line 46 - column 3, line 8 column 4, line 11 - line 35 column 5, line 44 - column 8, line 39; figures	1,7
A	US 6 353 364 B1 (KLEMMER NIKOLAUS) 5 March 2002 (2002-03-05) column 9, line 65 - column 11, line 9; figure 7	1
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☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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